BHAVESH RAI

Lucknow, Uttar Pradesh, 226010

📞 +91-7459883636 ✉ raibhaveshazm@gmail.com 🔗 linkedin.com/in/bhavesh-rai-101ba724b/ 💻 github.com/raibhavesh

Education

SRM Institute of Science and Technology   Sep. 2022 – May 2026
Bachelor of Science in Computer Science (9.64 CGPA)   *Chennai, Tamil Nadu*

Relevant Coursework

- Data Structures
- Machine Learning
- Web Development
- Database Management
- Artificial Intelligence

Experience

Feynn Labs   August 2023 – November 2023
Machine Learning Intern   *Online*

- Identifying the Real World Business Markets where AI can be applied and come up with sellable AI Product/Service ideas to develop an abstract Product Design and prepare a detailed report.
- Have to analyse the Electric Vehicle market in India using Segmentation analysis and come up with a feasible strategy to enter the market, targeting the segments most likely to use Electric vehicles.
- Replication of McDonalds Case Study in Python and make a Summary of fundamentals of Market Segmentation.
- Identify which Market your product/service will be launched into, collect some data /statistics regarding that Market Online and perform forecasts/predictions on that Market using regression models or time series forecasting (alternately collect existing Statistics if you are unable to find appropriate data or perform time series).

Hornbill Drones   July 2023 – September 2023
Image Analytic Intern   *Hyderabad, Andhra Pradesh*

- Develop anomaly detection models using drone-captured visual and thermal images of PV plants.
- Downloading the necessary files and dependencies as mentioned in the documentation and test the installed software to verify its functionality and address any potential issues.
- Installation of PV-Hawk for Local or cloud deployment (AWS or Azure).

Projects

Potato Disease Classification | *Python, Tensorflow, Jupyter Notebook*   October 2023

- Trained a model using Python and jupyter notebook to classify the potato leaf by its images.
- Implemented Streamlit to create a GUI to upload the images that we want to classify on the web page.
- It contains three classes of potato leaf that are Potato Eary Blight, Potato Late Blight and Potato Healthy.
- Used CNN algorithm using tensorflow to train the classification model.

Sunspots Prediction | *Python,Jupyter Notebook*   March 2023

- Trained a model using dataset of various areas with monthly dataset to predict the next sunspots.
- Logistic regression algorithm is used to predict the the sunpots.

Bangalore House Price Prediction | *Python, Jupyter Notebook*   November 2020

- Trained a model to predict the price of house in bangalore using bangalore dataset.
- It predicts the price of various type of house based on no. of rooms, area etc.
- Implemented streamlit to create GUI for the users to select the type of house they want.

Technical Skills

Languages: Python, Java,C++, C, HTML/CSS, SQL
Developer Tools: VS Code, PyCharm, Google Cloud Platform
Technologies/Frameworks: Tensorflow, GitHub, PyTorch

Achievements

Capture the Flag   Feb 2024
NWC Department   *SRM University*

- Achieved first position in "CAPTURE THE FLAG" competition conducted by Networking and Communication Department.